

<b>L Number</b>	<b>Hits</b>	<b>Search Text</b>	<b>DB</b>	<b>Time stamp</b>
1	589	536/18.1	USPAT; US-PGPUB	2003/01/16 10:21
2	1	536/18.1 and retinoid	USPAT; US-PGPUB	2003/01/16 10:23
3	749	536/119	USPAT; US-PGPUB	2003/01/16 10:23
4	2	536/119 and retinoid	USPAT; US-PGPUB	2003/01/16 10:25
5	589	536/18.1	USPAT; US-PGPUB	2003/01/16 10:25
6	1	536/18.1 and retinoid	USPAT; US-PGPUB	2003/01/16 10:25
7	326	536/18.2	USPAT; US-PGPUB	2003/01/16 10:25
8	7	536/18.2 and retinoid	USPAT; US-PGPUB	2003/01/16 10:29
9	1646	536/4.1	USPAT; US-PGPUB	2003/01/16 10:29
10	7	536/4.1 and retinoid	USPAT; US-PGPUB	2003/01/16 10:33
11	3737	424/450	USPAT; US-PGPUB	2003/01/16 10:33
12	89	424/450 and retinoid	USPAT; US-PGPUB	2003/01/16 10:58
13	456	549/417	USPAT; US-PGPUB	2003/01/16 10:58
14	10	549/417 and retinoid	USPAT; US-PGPUB	2003/01/16 10:58
-	2	((("4966773") or ("5037655"))).PN.	USPAT; US-PGPUB	2003/01/15 15:01
-	4486	retinoic adj acid	USPAT; US-PGPUB	2003/01/15 13:29
-	1685	(retinoic adj acid) and glucose	USPAT; US-PGPUB	2003/01/15 13:51
-	126	(retinoic adj acid) and glycoside	USPAT; US-PGPUB	2003/01/16 09:02
-	4	(retinoic adj acid) and daidzin	USPAT; US-PGPUB	2003/01/15 13:55
-	0	(retinoic adj acid) and ginistin	USPAT; US-PGPUB	2003/01/15 13:55
-	0	retinoate adj ginistin	USPAT; US-PGPUB	2003/01/15 13:55
-	0	retinoate adj daidzin	USPAT; US-PGPUB	2003/01/15 13:56
-	0	retinoate adj glucose	USPAT; US-PGPUB	2003/01/15 13:56
-	0	retinoate adj prodrug	USPAT; US-PGPUB	2003/01/15 13:57
-	0	retinoate adj esterase	USPAT; US-PGPUB	2003/01/15 13:57
-	156	(retinoic adj acid) and esterase	USPAT; US-PGPUB	2003/01/15 14:05

-	65	glucoside and daidzin	USPAT; US-PGPUB	2003/01/15 14:21
-	1	(glucoside and daidzin ) and retinoic	USPAT; US-PGPUB	2003/01/15 14:21
-	4	((("5972993") or ("6437004") or ("6071543") or ("6335023")).PN.	USPAT; US-PGPUB	2003/01/15 15:03
-	300	(vitamin adj A) and glucoside	USPAT; US-PGPUB	2003/01/16 09:03
-	297	(vitamin adj A) and glycoside	USPAT; US-PGPUB	2003/01/16 10:21

Welcome to STN International! Enter x:x

LOGINID:sssptal600dxk

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 4 Apr 09 ZDB will be removed from STN  
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and  
IFIUDB  
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and  
ZCAPLUS  
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 27 Oct 21 EVENTLINE has been reloaded  
NEWS 28 Oct 24 BEILSTEIN adds new search fields  
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on  
STN  
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002  
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT  
NEWS 32 Nov 25 More calculated properties added to REGISTRY  
NEWS 33 Dec 02 TIBKAT will be removed from STN  
NEWS 34 Dec 04 CSA files on STN  
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date  
NEWS 36 Dec 17 TOXCENTER enhanced with additional content  
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN  
NEWS 38 Dec 30 ISMEC no longer available  
NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS  
  
NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,  
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),

AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:43:37 ON 16 JAN 2003

=>

=> fil .carb

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.19

8.19

FILE 'MEDLINE' ENTERED AT 12:07:10 ON 16 JAN 2003

FILE 'BIOSIS' ENTERED AT 12:07:10 ON 16 JAN 2003

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FILE 'BIOTECHDS' ENTERED AT 12:07:10 ON 16 JAN 2003

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FILE 'CAPLUS' ENTERED AT 12:07:10 ON 16 JAN 2003

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=> ....Testing the current file.... screen

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Please change to a suitable file and repeat your upload

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> ....Testing the current file.... screen

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Please change to a suitable file and repeat your upload

Some commands only work in certain files. For example, the EXPAND

command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.95

11.14

FILE 'REGISTRY' ENTERED AT 12:09:02 ON 16 JAN 2003

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STRUCTURE FILE UPDATES: 15 JAN 2003 HIGHEST RN 479190-61-9

DICTIONARY FILE UPDATES: 15 JAN 2003 HIGHEST RN 479190-61-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 965

L1 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\09937673.str

L2 STRUCTURE UPLOADED

=> que L2 AND L1

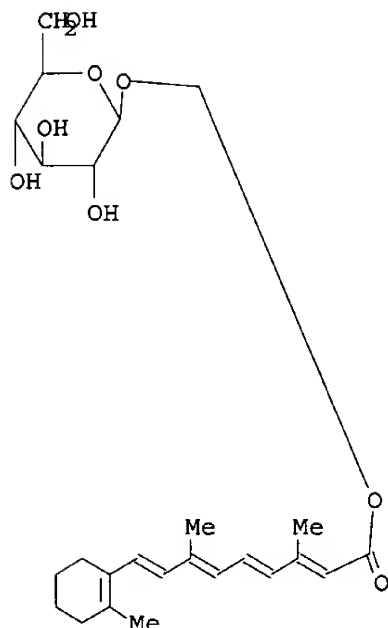
L3 QUE L2 AND L1

=> d l3

L3 HAS NO ANSWERS

L1 SCR 965

L2 STR



Structure attributes must be viewed using STN Express query preparation.  
 L3 QUE ABB=ON PLU=ON L2 AND L1

=> fil .carb

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.80

11.94

FILE 'MEDLINE' ENTERED AT 12:10:15 ON 16 JAN 2003

FILE 'BIOSIS' ENTERED AT 12:10:15 ON 16 JAN 2003

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=> s 13

SUBSTANCE QUERIES NOT VALID IN THIS FILE

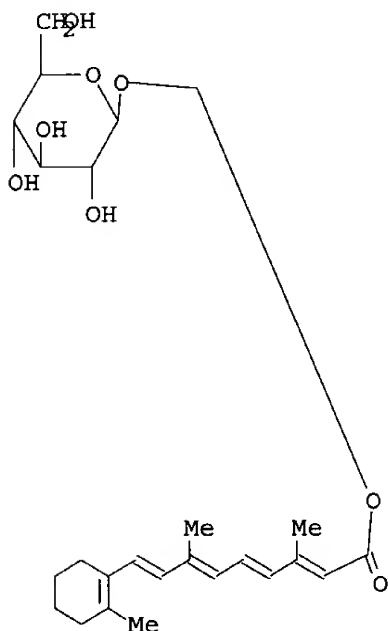
SUBSTANCE QUERIES NOT VALID IN THIS FILE

SUBSTANCE QUERIES NOT VALID IN THIS FILE

SUBSTANCE QUERIES NOT VALID IN THIS FILE

The logic expression entered contains L#s or saved query names which correspond to structures built by the STRUCTURE command or to screen sets. These must be searched in a substance file such as the REGISTRY file. In some files you may use a Registry Number answer set from a structure search as a search term or profile in some bibliographic file containing Registry Numbers, e.g. the CA file. For an explanation, enter "HELP CROSSOVER" at an arrow prompt (=>).

=> d 13  
L3 HAS NO ANSWERS  
L1 SCR 965  
L2 STR



Structure attributes must be viewed using STN Express query preparation.  
L3 QUE ABB=ON PLU=ON L2 AND L1

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.95

14.89

FILE 'REGISTRY' ENTERED AT 12:11:23 ON 16 JAN 2003  
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STRUCTURE FILE UPDATES: 15 JAN 2003 HIGHEST RN 479190-61-9  
DICTIONARY FILE UPDATES: 15 JAN 2003 HIGHEST RN 479190-61-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STN Note 27, Searching Properties  
in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s l3 exa full

FULL SEARCH INITIATED 12:11:53 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 22 TO ITERATE

100.0% PROCESSED 22 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L4 0 SEA EXA FUL L2 AND L1

=> s l3 sss full

FULL SEARCH INITIATED 12:12:14 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 51 TO ITERATE

100.0% PROCESSED 51 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.03

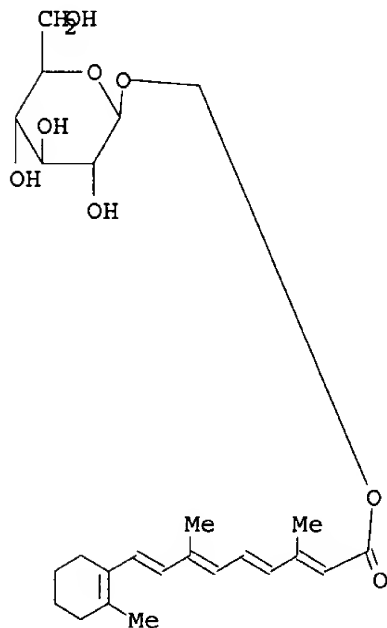
L5 0 SEA SSS FUL L2 AND L1

=> d l3

L3 HAS NO ANSWERS

L1 SCR 965

L2 STR



Structure attributes must be viewed using STN Express query preparation.

L3 QUE ABB=ON PLU=ON L2 AND L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

198.70

213.59

FILE 'CAPLUS' ENTERED AT 12:13:11 ON 16 JAN 2003



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FILE COVERS 1907 - 16 Jan 2003 VOL 138 ISS 3  
FILE LAST UPDATED: 15 Jan 2003 (20030115/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s d3  
L6 31337 D3

=> s l3  
SEARCH PROFILE NOT SUPPORTED FOR AUTOMATED SEARCH AND CROSSOVER  
The search profile contains L-numbers or saved item names that include chemical substance terms, chemical structures, or structure screen sets. If you are in a single file environment using the CA file (CA, HCA, ZCA, CAPLUS, HCAPLUS, ZCAPLUS), enter HELP FIRST at an arrow prompt (=>) for information about the REGISTRY automated search and crossover feature. REGISTRY supports the following search profiles:

Example 1:

=> ACT SCRSTR/Q  
L3 STR  
L4 SCR 2127  
L5 QUE L3 NOT L4

These searches are supported:

S L5/REG  
S SCRSTR/Q/REG  
S (L3 NOT L4)/REG

These searches are not supported:

S L5  
S SCRSTR/Q

Example 2:

=> ACT SCRSTR2/Q  
L6 STR  
L7 SCR 2127  
L8 QUE L6  
L9 QUE L7  
L10 QUE L8 NOT L9

This search is supported:

S (L6 NOT L7)/REG

These searches are not supported:

S L10  
S L10/REG  
S SCRSTR2/Q  
S SCRSTR2/Q/REG  
S L8 NOT L9  
S (L8 NOT L9)/REG

=> s l3/reg

**REGISTRY INITIATED**

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L8                    0 L7

=> s scrstr/q/reg

**REGISTRY INITIATED**

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

'SCRSTR/Q' NOT FOUND

=>

=> s scrstr/l3/reg

**REGISTRY INITIATED**

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

'L3' IS NOT A VALID FIELD CODE

L10                    0 L9

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.50

220.27

FILE 'REGISTRY' ENTERED AT 12:18:44 ON 16 JAN 2003  
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STRUCTURE FILE UPDATES: 15 JAN 2003 HIGHEST RN 479190-61-9  
DICTIONARY FILE UPDATES: 15 JAN 2003 HIGHEST RN 479190-61-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 965

L11 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\09937673a.str

L12 STRUCTURE UPLOADED

=> que L12 AND L11

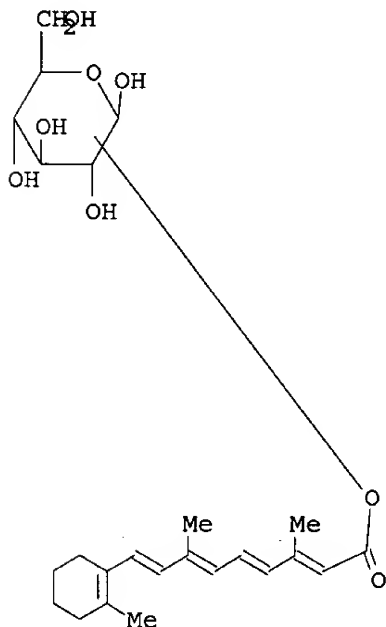
L13 QUE L12 AND L11

=> d l13

L13 HAS NO ANSWERS

L11 SCR 965

L12 STR



Structure attributes must be viewed using STN Express query preparation.

L13                    QUE   ABB=ON   PLU=ON   L12 AND L11

=> s l13

SAMPLE SEARCH INITIATED 12:19:17 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED -        18 TO ITERATE

100.0% PROCESSED            18 ITERATIONS                    0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:   ONLINE   \*\*COMPLETE\*\*  
                             BATCH   \*\*COMPLETE\*\*  
PROJECTED ITERATIONS:            106 TO            614  
PROJECTED ANSWERS:                0 TO            0

L14                    0 SEA SSS SAM L12 AND L11

=> s l13 exa full

FULL SEARCH INITIATED 12:19:35 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED -        52 TO ITERATE

100.0% PROCESSED            52 ITERATIONS                    0 ANSWERS  
SEARCH TIME: 00.00.01

L15                    0 SEA EXA FUL L12 AND L11

=> s l13 sss full

FULL SEARCH INITIATED 12:19:49 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED -        355 TO ITERATE

100.0% PROCESSED            355 ITERATIONS                    0 ANSWERS  
SEARCH TIME: 00.00.01

L16                    0 SEA SSS FUL L12 AND L11

=> s l13/cn

QUALIFICATION NOT VALID FOR L13  
Field code qualifications can only be applied to text  
terms.

=> d rn cn

L16 HAS NO ANSWERS  
'RN CN ' IS NOT A VALID STRUCTURE FORMAT KEYWORD

Structure Formats

SIA ----- Structure Image, Attributes, and map table if it contains  
                 data. (Default)

SIM ----- Structure Image.

SAT ----- Structure ATtributes and map table if it contains data.

SCT ----- Structure Connection Table and map table if it contains  
                 data.

SDA ----- All Structure Data (image, attributes, connection table and  
                 map table if it contains data).

NOS ----- NO Structure data.

ENTER STRUCTURE FORMAT (SIA), SCT, SDA, SIM, SAT, NOS:

ENTER STRUCTURE FORMAT (SIA), SCT, SDA, SIM, SAT, NOS:

ENTER STRUCTURE FORMAT (SIA), SCT, SDA, SIM, SAT, NOS:

ENTER STRUCTURE FORMAT (SIA), SCT, SDA, SIM, SAT, NOS:

ENTER STRUCTURE FORMAT (SIA), SCT, SDA, SIM, SAT, NOS:

YOU HAVE RECEIVED THIS PROMPT MESSAGE 5 CONSECUTIVE TIMES WITHOUT ENTERING A  
REQUESTED RESPONSE

Structure Formats

SIA ----- Structure Image, Attributes, and map table if it contains data. (Default)  
SIM ----- Structure Image.  
SAT ----- Structure ATtributes and map table if it contains data.  
SCT ----- Structure Connection Table and map table if it contains data.  
SDA ----- All Structure Data (image, attributes, connection table and map table if it contains data).  
NOS ----- NO Structure data.  
IF YOU REQUIRE FURTHER HELP, PLEASE CONTACT YOUR LOCAL HELP DESK  
ENTER STRUCTURE FORMAT (SIA), SCT, SDA, SIM, SAT, NOS:

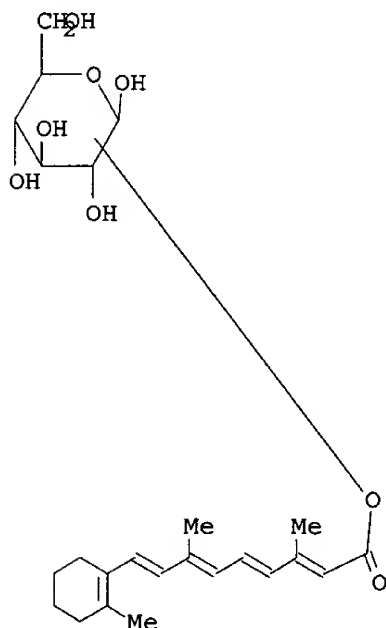
ENTER STRUCTURE FORMAT (SIA), SCT, SDA, SIM, SAT, NOS:end

=> d l13

L13 HAS NO ANSWERS

L11 SCR 965

L12 STR



Structure attributes must be viewed using STN Express query preparation.  
L13 QUE ABB=ON PLU=ON L12 AND L11

=> d rn cn

L16 HAS NO ANSWERS

'RN CN ' IS NOT A VALID STRUCTURE FORMAT KEYWORD

Structure Formats

SIA ----- Structure Image, Attributes, and map table if it contains data. (Default)  
SIM ----- Structure Image.  
SAT ----- Structure ATtributes and map table if it contains data.  
SCT ----- Structure Connection Table and map table if it contains data.  
SDA ----- All Structure Data (image, attributes, connection table and

map table if it contains data).  
NOS ----- NO Structure data.  
ENTER STRUCTURE FORMAT (SIA), SCT, SDA, SIM, SAT, NOS:end

=> fil .carb

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	199.50	419.77

FILE 'MEDLINE' ENTERED AT 12:21:50 ON 16 JAN 2003

FILE 'BIOSIS' ENTERED AT 12:21:50 ON 16 JAN 2003  
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=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.95	422.72

FILE 'REGISTRY' ENTERED AT 12:22:15 ON 16 JAN 2003  
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DICTIONARY FILE UPDATES: 15 JAN 2003 HIGHEST RN 479190-61-9

TSKA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

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Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e retinoic acid/cn

E1	1	RETINOCHROME (TODARODES PACIFICUS CLONE PRET REDUCED)/CN
E2	1	RETINOCHROMES/CN
E3	1 -->	RETINOIC ACID/CN
E4	1	RETINOIC ACID .BETA.-CYCLODEXTRIN COMPLEX/CN
E5	1	RETINOIC ACID 18-HYDROXYLASE/CN
E6	1	RETINOIC ACID 2-HYDROXYETHYLAMIDE/CN
E7	1	RETINOIC ACID 4-HYDROXYLASE/CN
E8	1	RETINOIC ACID 4-HYDROXYLASE (CHICKEN)/CN
E9	1	RETINOIC ACID 5,6-EPOXIDASE/CN

E10 2 RETINOIC ACID BINDING PROTEIN II (HUMAN GENE RBP2)/CN  
 E11 1 RETINOIC ACID CHLORIDE/CN  
 E12 1 RETINOIC ACID CONVERTING ENZYME (XENOPUS LAEVIS)/CN

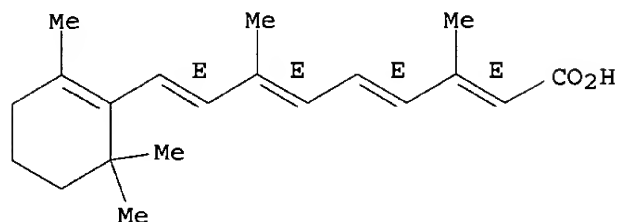
=> s e3

L17 1 "RETINOIC ACID"/CN

=> d l17

L17 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS  
 RN 302-79-4 REGISTRY  
 CN **Retinoic acid (6CI, 9CI)** (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Retinoic acid, all-trans- (8CI)  
 OTHER NAMES:  
 CN (all-E)-3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-  
 nonatetraenoic acid  
 CN .beta.-Retinoic acid  
 CN 101: PN: WO02077204 FIGURE: 56 claimed sequence  
 CN 2,4,6,8-Nonatetraenoic acid,  
 3,7-dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-  
 1-yl)-, (all-E)-  
 CN 3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatetraenoic  
 acid  
 CN Aberel  
 CN AGN 100335  
 CN all-(E)-Retinoic acid  
 CN all-trans-.beta.-Retinoic acid  
 CN all-trans-Retinoic acid  
 CN all-trans-Tretinoin  
 CN all-trans-Vitamin A acid  
 CN ATRA  
 CN Atragen  
 CN Renova  
 CN Retin A  
 CN Ro 1-5488  
 CN trans-Retinoic acid  
 CN Tretin M  
 CN Tretinoin  
 CN Vesanoid  
 CN Vitamin A acid  
 CN Vitamin A acid, all-trans-  
 CN Vitamin A1 acid, all-trans-  
 FS STEREOSEARCH  
 DR 7005-78-9, 56573-65-0  
 MF C20 H28 O2  
 CI COM  
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUIRE,  
 BEILSTEIN\*,  
 BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS,  
 CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM,  
 CSNB, DDFU, DIOGENES, DRUGNL, DRUGU, DRUGUPDATES, EMBASE, HSDB\*,  
 IFICDB,  
 IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC,  
 PHAR, PHARMASEARCH, PIRA, PROMT, RTECS\*, SPECINFO, SYNTHLINE,  
 TOXCENTER,  
 USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*, WHO  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

11350 REFERENCES IN FILE CA (1962 TO DATE)  
304 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
11381 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
23 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> fil .carb

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.10

429.82

FILE 'MEDLINE' ENTERED AT 12:23:58 ON 16 JAN 2003

FILE 'BIOSIS' ENTERED AT 12:23:58 ON 16 JAN 2003

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FILE 'BIOTECHDS' ENTERED AT 12:23:58 ON 16 JAN 2003

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=> s l17

L18 39172 L17

=> s l18 and glycoside?

L19 68 L18 AND GLYCOSIDE?

=> d l19 1-68

L19 ANSWER 1 OF 68 MEDLINE

AN 2002301808 MEDLINE

DN 21984605 PubMed ID: 11988868

TI Induction of differentiation in human hepatocarcinoma cells by isoverbascoside.

AU Rui-Chuan Chen; Jin-Hua Su; Gao-Liang Ouyang; Ke-Xia Cai; Jin-Quan Li; Xiao-Guang Xie

SO PLANTA MEDICA, (2002 Apr) 68 (4) 370-2.

Journal code: 0066751. ISSN: 0032-0943.

CY Germany: Germany, Federal Republic of

DT Letter

LA English



FS Priority Journals  
 EM 200207  
 ED Entered STN: 20020605  
 Last Updated on STN: 20020716  
 Entered Medline: 20020715

L19 ANSWER 2 OF 68 MEDLINE  
 AN 1999256936 MEDLINE  
 DN 99256936 PubMed ID: 10327004  
 TI A composites theory predicts the dependence of stiffness of cartilage culture tissues on collagen volume fraction.  
 AU Simha N K; Fedewa M; Leo P H; Lewis J L; Oegema T  
 CS Mechanical Engineering, University of Miami, FL, USA.  
 SO JOURNAL OF BIOMECHANICS, (1999 May) 32 (5) 503-9.  
 Journal code: 0157375. ISSN: 0021-9290.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals; Space Life Sciences  
 EM 199906  
 ED Entered STN: 19990714  
 Last Updated on STN: 19990714  
 Entered Medline: 19990625

L19 ANSWER 3 OF 68 MEDLINE  
 AN 1999145121 MEDLINE  
 DN 99145121 PubMed ID: 10022523  
 TI Processing and juxtacrine activity of membrane-anchored betacellulin.  
 AU Tada H; Sasada R; Kawaguchi Y; Kojima I; Gullick W J; Salomon D S; Igarashi K; Seno M; Yamada H  
 CS Department of Bioengineering Science, Faculty of Engineering, Okayama University, Japan.. tadahrk@biotech.okayama-u.ac.jp  
 SO JOURNAL OF CELLULAR BIOCHEMISTRY, (1999 Mar 1) 72 (3) 423-34.  
 Journal code: 8205768. ISSN: 0730-2312.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199904  
 ED Entered STN: 19990511  
 Last Updated on STN: 19990511  
 Entered Medline: 19990429

L19 ANSWER 4 OF 68 MEDLINE  
 AN 96012714 MEDLINE  
 DN 96012714 PubMed ID: 7562400  
 TI Activation of retinoic acid (RA)-differentiated HL-60 cells by saponins.  
 AU Uemura T; Sagesaka Y M; Oku N; Okada S  
 CS Central Research Institute, Ito-en, Co., Ltd., Shizuoka, Japan.  
 SO YAKUGAKU ZASSHI. JOURNAL OF THE PHARMACEUTICAL SOCIETY OF JAPAN, (1995 Jul) 115 (7) 528-36.  
 Journal code: 0413613. ISSN: 0031-6903.  
 CY Japan  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA Japanese  
 FS Priority Journals  
 EM 199510  
 ED Entered STN: 19951227  
 Last Updated on STN: 19970203  
 Entered Medline: 19951026

L19 ANSWER 5 OF 68 MEDLINE  
 AN 91035452 MEDLINE  
 DN 91035452 PubMed ID: 2172246  
 TI Modulation of lysosomal-associated membrane glycoproteins during retinoic acid-induced embryonal carcinoma cell differentiation.  
 AU Amos B; Lotan R  
 CS Department of Tumor Biology, University of Texas M.D. Anderson Cancer Center, Houston 77030.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1990 Nov 5) 265 (31) 19192-8.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199012  
 ED Entered STN: 19910208  
 Last Updated on STN: 19970203  
 Entered Medline: 19901210

L19 ANSWER 6 OF 68 MEDLINE  
 AN 90058461 MEDLINE  
 DN 90058461 PubMed ID: 2555043  
 TI Modulation of galactoside-binding lectins in tumor cells by differentiation-inducing agents.  
 AU Lotan R; Lotan D; Carralero D M  
 CS Department of Tumor Biology, University of Texas M.D. Anderson Cancer Center, Houston 77030.  
 SO CANCER LETTERS, (1989 Nov 30) 48 (2) 115-22.  
 Journal code: 7600053. ISSN: 0304-3835.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199001  
 ED Entered STN: 19900328  
 Last Updated on STN: 19970203  
 Entered Medline: 19900109

L19 ANSWER 7 OF 68 MEDLINE  
 AN 88252133 MEDLINE  
 DN 88252133 PubMed ID: 2454667  
 TI The new basement membrane antigen recognized by the monoclonal antibody GB3 is a large size glycoprotein: modulation of its expression by retinoic acid.  
 AU Verrando P; Pisani A; Ortonne J P  
 CS Laboratoire de Recherches Dermatologiques, UER Medecine, Nice, France.  
 SO BIOCHIMICA ET BIOPHYSICA ACTA, (1988 Jul 7) 942 (1) 45-56.  
 Journal code: 0217513. ISSN: 0006-3002.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 198808  
 ED Entered STN: 19900308  
 Last Updated on STN: 19960129  
 Entered Medline: 19880810

L19 ANSWER 8 OF 68 MEDLINE

AN 87256775 MEDLINE  
 DN 87256775 PubMed ID: 3600188  
 TI Effects of retinoic acid on expression of the transformed phenotype in C6 glioma cells.  
 AU Fischer I; Nolan C E; Shea T B  
 SO LIFE SCIENCES, (1987 Jul 27) 41 (4) 463-70.  
 Journal code: 0375521. ISSN: 0024-3205.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 198708  
 ED Entered STN: 19900305  
 Last Updated on STN: 19970203  
 Entered Medline: 19870820

L19 ANSWER 9 OF 68 MEDLINE  
 AN 87247674 MEDLINE  
 DN 87247674 PubMed ID: 3297853  
 TI Glycolipid core structure switching from globo- to lacto- and ganglio-series during retinoic acid-induced differentiation of TERA-2-derived human embryonal carcinoma cells.  
 AU Fenderson B A; Andrews P W; Nudelman E; Clausen H; Hakomori S  
 NC CA42505 (NCI)  
 GM23100 (NIGMS)  
 HL31232 (NHLBI)  
 +  
 SO DEVELOPMENTAL BIOLOGY, (1987 Jul) 122 (1) 21-34.  
 Journal code: 0372762. ISSN: 0012-1606.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 198707  
 ED Entered STN: 19900305  
 Last Updated on STN: 19970203  
 Entered Medline: 19870724

L19 ANSWER 10 OF 68 MEDLINE  
 AN 87183547 MEDLINE  
 DN 87183547 PubMed ID: 3566287  
 TI The effect of retinoic acid on proteoglycan biosynthesis in bovine articular cartilage cultures.  
 AU Campbell M A; Handley C J  
 SO ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, (1987 Mar) 253 (2) 462-74.  
 Journal code: 0372430. ISSN: 0003-9861.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 198704  
 ED Entered STN: 19900303  
 Last Updated on STN: 19970203  
 Entered Medline: 19870427

L19 ANSWER 11 OF 68 MEDLINE  
 AN 86257631 MEDLINE  
 DN 86257631 PubMed ID: 2425267  
 TI Induction of lysosomal glycosidases by dibutyryl cAMP in neuroblastoma cells.

AU Fischer I; Shea T S; Sapirstein V S  
NC HDO5515 (NICHD)  
NS16186 (NINDS)  
SO NEUROCHEMICAL RESEARCH, (1986 Apr) 11 (4) 589-98.  
Journal code: 7613461. ISSN: 0364-3190.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 198608  
ED Entered STN: 19900321  
Last Updated on STN: 19970203  
Entered Medline: 19860804

L19 ANSWER 12 OF 68 MEDLINE  
AN 84104697 MEDLINE  
DN 84104697 PubMed ID: 6362708  
TI Effect of retinoic acid and low calcium conditions on surface  
glycoconjugates defined by differential lectin labelling in mouse  
epidermal cell culture.  
AU Robinson J K; Freinkel R K; Gotschalk R  
NC AM 16441 (NIADDK)  
SO BRITISH JOURNAL OF DERMATOLOGY, (1984 Jan) 110 (1) 17-27.  
Journal code: 0004041. ISSN: 0007-0963.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 198403  
ED Entered STN: 19900319  
Last Updated on STN: 19970203  
Entered Medline: 19840320

L19 ANSWER 13 OF 68 MEDLINE  
AN 82213825 MEDLINE  
DN 82213825 PubMed ID: 6806257  
TI Evidence that galactosyltransferase is a surface receptor for  
poly(N)-acetyllactosamine glycoconjugates on embryonal carcinoma cells.  
AU Shur B D  
NC HD 15856 (NICHD)  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1982 Jun 25) 257 (12) 6871-8.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 198208  
ED Entered STN: 19900317  
Last Updated on STN: 19970203  
Entered Medline: 19820807

L19 ANSWER 14 OF 68 MEDLINE  
AN 82168332 MEDLINE  
DN 82168332 PubMed ID: 6175671  
TI Perturbations of membrane glycosylation in retinoid-treated epidermis.  
AU Nemanic M K; Fritsch P O; Elias P M  
NC AM 19098 (NIADDK)  
CA 22682 (NCI)  
SO JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY, (1982 Apr) 6 (4 Pt 2  
Suppl) 801-8.

Journal code: 7907132. ISSN: 0190-9622.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 198206  
 ED Entered STN: 19900317  
 Last Updated on STN: 19970203  
 Entered Medline: 19820624

L19 ANSWER 15 OF 68 MEDLINE  
 AN 81254113 MEDLINE  
 DN 81254113 PubMed ID: 6942682  
 TI Glycosylation reactions and tumor establishment: modulation by vitamin A.  
 AU Morre D J; Creek K E; Morre D M; Richardson C L  
 NC CA 18801 (NCI)  
 SO ANNALS OF THE NEW YORK ACADEMY OF SCIENCES, (1981 Feb 27) 359 367-82.  
 Journal code: 7506858. ISSN: 0077-8923.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 198109  
 ED Entered STN: 19900316  
 Last Updated on STN: 19970203  
 Entered Medline: 19810915

L19 ANSWER 16 OF 68 MEDLINE  
 AN 78119036 MEDLINE  
 DN 78119036 PubMed ID: 607563  
 TI The direct involvement of vitamin A in glycosyl transfer reactions of mammalian membranes.  
 AU De Luca L M  
 SO VITAMINS AND HORMONES, (1977) 35 1-57.  
 Journal code: 0413601. ISSN: 0083-6729.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 197804  
 ED Entered STN: 19900314  
 Last Updated on STN: 19900314  
 Entered Medline: 19780426

L19 ANSWER 17 OF 68 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AN 1994:504225 BIOSIS  
 DN PREV199497517225  
 TI N-linked analogs of retinoid o-glucuronides: Potential cancer chemopreventive/chemotherapeutic agents.  
 AU Robarge, M. J.; Repa, J. J.; Hanson, K. K.; Seth, S.; Clagett-Dame, M.; Abou-Issa, H.; Curley, R. W., Jr. (1)  
 CS (1) Div. Med. Chem., Coll. Pharm., Ohio State Univ., Columbus, OH 43210 USA  
 SO Bioorganic & Medicinal Chemistry Letters, (1994) Vol. 4, No. 17, pp. 2117-2122.  
 ISSN: 0960-894X.  
 DT Article  
 LA English

L19 ANSWER 18 OF 68 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AN 1994:464012 BIOSIS  
 DN PREV199497477012  
 TI Synthesis of N-linked **glycoside** analogs of retinoic acid:  
 Possible cancer chemopreventive/chemotherapeutic agents.  
 AU Robarge, M. J. (1); Repa, J.; Hanson, K. K.; Clagett-Dame, M.; Abou-Issa,  
 H.; Seth, Sumit; Curley, R. W., Jr.  
 CS (1) Coll. Pharmacy, Ohio State Univ., Columbus, OH 43210 USA  
 SO Abstracts of Papers American Chemical Society, (1994) Vol. 208, No. 1-2,  
 pp. MEDI 87.  
 Meeting Info.: 208th National Meeting of the American Chemical Society  
 Washington, D.C., USA August 21-25, 1994  
 ISSN: 0065-7727.  
 DT Conference  
 LA English

L19 ANSWER 19 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 2002:866777 CAPLUS  
 DN 137:357914  
 TI Skin-lightening cosmetics containing levulinic acids and sulfur compounds  
 IN Yamada, Katsuhisa; Kitazawa, Takeshi  
 PA DHC K. K., Japan  
 SO Jpn. Kokai Tokkyo Koho, 16 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2002326918	A2	20021115	JP 2001-134534	20010501
PRAI	JP 2001-134534		20010501		

L19 ANSWER 20 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 2002:684202 CAPLUS  
 DN 137:324663  
 TI Effects of subcutaneously injected graded doses of all-trans retinoic  
 acid  
 and all-trans retinoyl .beta.-glucuronide on the outcome of pregnancy in  
 Sprague-Dawley rats  
 AU Ueltschy, Amanda; Gunning, Desiree B.; Barua, Arun B.; Olson, James A.  
 CS Department of Biochemistry, Biophysics and Molecular Biology, Iowa State  
 University, Ames, IA, 50011, USA  
 SO International Journal for Vitamin and Nutrition Research (2002), 72(4),  
 229-235  
 CODEN: IJVNAP; ISSN: 0300-9831  
 PB Hogrefe & Huber Publishers  
 DT Journal  
 LA English

RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 21 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 2002:585077 CAPLUS  
 DN 138:24901  
 TI An improved synthesis of the C-linked glucuronide of N-(4-  
 Hydroxyphenyl)retinamide  
 AU Walker, Joel R.; Alshafie, Galal; Abou-Issa, Hussein; Curley, Robert W.  
 CS College of Pharmacy, Division of Medicinal Chemistry and Pharmacognosy,  
 The Ohio State University, Columbus, OH, 43210, USA  
 SO Bioorganic & Medicinal Chemistry Letters (2002), 12(17), 2447-2450

CODEN: BMCLE8; ISSN: 0960-894X  
PB Elsevier Science Ltd.  
DT Journal  
LA English  
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 22 OF 68 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:384291 CAPLUS  
DN 136:374566  
TI Skin composition containing 2-O-glucopyranosyl-L-ascorbic acid in  
combination with other active components  
IN Koga, Nobuyoshi; Maruyama, Nao; Sakamoto, Tetsuo; Tomita, Kenichi  
PA Shiseido Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 30 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002145759	A2	20020522	JP 2001-246127	20010814
PRAI	JP 2000-257283	A	20000828		
OS	MARPAT 136:374566				

L19 ANSWER 23 OF 68 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:39555 CAPLUS  
DN 136:107223  
TI Cleansing articles for skin and/or hair  
IN Albacarys, Lourdes Dessus; Mcatee, David Michael; Deckner, George Endel  
PA The Procter & Gamble Company, USA  
SO U.S., 32 pp., Cont.-in-part of U.S. Ser. No. 65,991, abandoned.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6338855	B1	20020115	US 1999-296334	19990422
PRAI	US 1996-738145	B2	19961025		
	US 1996-738668	B1	19961025		
	US 1997-974033	B2	19971119		
	US 1998-65991	B2	19980424		
	US 1998-83015P	P	19980424		

RE.CNT 95 THERE ARE 95 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 24 OF 68 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:31914 CAPLUS  
DN 136:98820  
TI Yeast three-hybrid system for in vivo drug screening and enzyme evolution  
using chemical inducers of dimerization  
IN Cornish, Virginia W.  
PA USA  
SO U.S. Pat. Appl. Publ., 48 pp., Cont.-in-part of U.S. Ser. No. 490,320.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 2002004202	A1	20020110	US 2001-768479	20010124
PRAI	US 2000-490320	A2	20000124		

L19 ANSWER 25 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:798071 CAPLUS  
 DN 135:343300  
 TI Intrathecal administration of Rituximab for treatment of central nervous system lymphomas  
 IN Grillo-Lopez, Antonio J.  
 PA Idec Pharmaceuticals Corporation, USA  
 SO PCT Int. Appl., 78 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001080884	A1	20011101	WO 2001-US13264	20010425
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 2002009444	A1	20020124	US 2001-840872	20010425

PRAI US 2000-199365P P 20000425

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 26 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:545747 CAPLUS  
 DN 135:133932  
 TI An in vivo screen using chemical inducers of dimerization  
 IN Cornish, Virginia W.  
 PA The Trustees of Columbia University in the City of New York, USA  
 SO PCT Int. Appl., 123 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001053355	A1	20010726	WO 2001-US2285	20010124
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1254179	A1	20021106	EP 2001-942644	20010124
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI	US 2000-490320	A	20000124		



WO 2001-US2285 W 20010124  
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 27 OF 68 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:503451 CAPLUS  
DN 135:242046  
TI Synthesis of new anthracycline derivatives including butyric or retinoic acid moiety  
AU Rho, Young S.; Kim, Wan-Joong; Park, Siho; Yoo, Dong Jin; Kang, Heun Soo; Chung, Soon-Ryang  
CS Department of Chemistry, Chonbuk National University, Jeonju, 561-756, S. Korea  
SO Bulletin of the Korean Chemical Society (2001), 22(6), 581-586  
CODEN: BKCSDE; ISSN: 0253-2964  
PB Korean Chemical Society  
DT Journal  
LA English  
OS CASREACT 135:242046  
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 28 OF 68 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:208071 CAPLUS  
DN 134:242659  
TI Compositions containing fluid petrolatum  
IN Mathur, Rajiv; Lawrence, Nadya  
PA Igen, Inc., USA  
SO PCT Int. Appl., 12 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001019326	A2	20010322	WO 2000-US40878	20000912
	WO 2001019326	A3	20010517		
	W: CA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6309664	B1	20011030	US 1999-396535	19990915
	EP 1239811	A2	20020918	EP 2000-975631	20000912
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
PRAI	US 1999-396535	A	19990915		
	WO 2000-US40878	W	20000912		

L19 ANSWER 29 OF 68 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:31306 CAPLUS  
DN 134:105846  
TI Clear aqueous dispersions of triglycerides and surfactants for delivery of drugs and nutrients  
IN Chen, Feng-Jing; Patel, Mahesh V.  
PA Lipocine, Inc., USA  
SO PCT Int. Appl., 103 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001001960	A1	20010111	WO 2000-US15133	20000602
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6267985	B1	20010731	US 1999-345615	19990630
	EP 1194120	A1	20020410	EP 2000-938039	20000602
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	US 1999-345615	A	19990630		
	WO 2000-US15133	W	20000602		
RE.CNT	2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L19 ANSWER 30 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:31299 CAPLUS  
 DN 134:105631  
 TI Cleansing compositions containing esters and silicones  
 IN Lukenbach, Elvin R.; Kaminski, Claudia; Pascal-Suisse, Sandrine; Tahar, Maurice  
 PA Johnson and Johnson Consumer Companies, Inc., USA  
 SO PCT Int. Appl., 70 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001001949	A1	20010111	WO 2000-US17431	20000623
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 2002035046	A1	20020321	US 2000-745270	20001221
PRAI	US 1999-141927P	P	19990701		
	WO 2000-US17431	W	20000623		
	US 2000-604563	A2	20000627		
RE.CNT	4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L19 ANSWER 31 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 2000:725436 CAPLUS  
 DN 133:301171  
 TI Compositions and methods for improved delivery of ionizable hydrophobic therapeutic agents  
 IN Chen, Feng-jing; Patel, Manesh V.  
 PA Lipocine, Inc., USA  
 SO PCT Int. Appl., 99 pp.

CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000059475	A1	20001012	WO 2000-US7342	20000316
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 6383471	B1	20020507	US 1999-287043	19990406
	EP 1165048	A1	20020102	EP 2000-916547	20000316
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	US 1999-287043	A	19990406		
	WO 2000-US7342	W	20000316		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 32 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 2000:707178 CAPLUS

DN 133:267077

TI Preparation and cosmetic compositions of bio-precursors of a retinoic **glycosides** as enzyme substrates

IN Redoules, Daniel; Tarroux, Roger; Fournier, Didier; Perie, Jean-Jacques

PA Pierre Fabre Dermo-Cosmetique, Fr.

SO PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000058325	A1	20001005	WO 2000-FR822	20000331
	W:	AU, BR, CA, JP, MX, US, ZA			
	RW:	AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
	FR 2791679	A1	20001006	FR 1999-4032	19990331
	EP 1163249	A1	20011219	EP 2000-915270	20000331
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			

PRAI FR 1999-4032 A 19990331

WO 2000-FR822 W 20000331

OS MARPAT 133:267077

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 33 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 2000:706975 CAPLUS

DN 133:276372

TI Methods for identifying agents that inhibit serum aging factors (NADH oxidase) and uses and compositions thereof

IN Morre, Dorothy M.; Morre, D. James

PA Purdue Research Foundation, USA

SO PCT Int. Appl., 43 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000057871	A2	20001005	WO 2000-US8433	20000329
	WO 2000057871	A3	20020131		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 1999-126894P	P	19990330		

L19 ANSWER 34 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 2000:608551 CAPLUS

DN 133:213151

TI Pharmaceutical compositions and methods for improved delivery of hydrophobic therapeutic agents

IN Patel, Manesh V.; Chen, Feng-Jing

PA Lipocine, Inc., USA

SO PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000050007	A1	20000831	WO 2000-US165	20000105
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 6294192	B1	20010925	US 1999-258654	19990226
	EP 1158959	A1	20011205	EP 2000-901394	20000105
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2002537317	T2	20021105	JP 2000-600619	20000105
	US 2002012680	A1	20020131	US 2001-898553	20010702
	US 6451339	B2	20020917		
PRAI	US 1999-258654	A	19990226		
	WO 2000-US165	W	20000105		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 35 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 2000:277810 CAPLUS

DN 132:326056

TI Systems for oral delivery

IN Russell-Jones, Gregory John  
PA Biotech Australia Pty. Ltd., Australia  
SO PCT Int. Appl., 32 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000022909	A2	20000427	WO 1999-IB1872	19991018
	WO 2000022909	A3	20001123		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 2000010712	A5	20000508	AU 2000-10712	19991018
PRAI	US 1998-104827P	P	19981019		
	WO 1999-IB1872	W	19991018		

L19 ANSWER 36 OF 68 CAPLUS COPYRIGHT 2003 ACS  
AN 2000:240921 CAPLUS  
DN 132:270088  
TI Glucoside paucilamellar vesicles  
IN Mathur, Rajiv  
PA Igen, Inc., USA  
SO PCT Int. Appl., 15 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000019980	A1	20000413	WO 1999-US22342	19990928
	W:	CA, JP			
	RW:	AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
	US 6251425	B1	20010626	US 1998-165436	19981002
	CA 2346016	AA	20000413	CA 1999-2346016	19990928
	EP 1117380	A1	20010725	EP 1999-949903	19990928
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	JP 2002526399	T2	20020820	JP 2000-573342	19990928
PRAI	US 1998-165436	A	19981002		
	WO 1999-US22342	W	19990928		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 37 OF 68 CAPLUS COPYRIGHT 2003 ACS  
AN 1999:708579 CAPLUS  
DN 131:327309  
TI Lathering surfactants in cleansing compositions for skin and/or hair which also deposits skin care actives  
IN Albacarys, Lourdes Dessus; McAtee, David Michael; Deckner, George Endel  
PA Procter + Gamble Co., USA

SO PCT Int. Appl., 94 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9955303	A1	19991104	WO 1999-IB635	19990412
	W:	AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ, DE, DE, DK, DK, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2332948	AA	19991104	CA 1999-2332948	19990412
	BR 9909629	A	20001219	BR 1999-9629	19990412
	EP 1071396	A1	20010131	EP 1999-910615	19990412
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,			

FI

	JP 2002512944	T2	20020508	JP 2000-545503	19990412
	AU 9929524	A1	19991116	AU 1999-29524	19990413
PRAI	US 1998-83015P	P	19980424		
	WO 1999-IB635	W	19990412		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 38 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1999:584805 CAPLUS

DN 131:219019

TI Cleansing products with improved moisturization

IN Wagner, Julie Ann; Hasenoehrl, Erik John; Fowler, Timothy John

PA The Procter & Gamble Company, USA

SO U.S., 18 pp., Cont.-in-part of U.S. Ser. No. 861,748, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5951991	A	19990914	US 1997-980096	19971126
	ZA 9804257	A	19981123	ZA 1998-4257	19980520
	WO 9852538	A1	19981126	WO 1998-IB786	19980520
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9872274	A1	19981211	AU 1998-72274	19980520
	AU 740842	B2	20011115		
	EP 1011628	A1	20000628	EP 1998-919401	19980520
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,			
FI	JP 2001517241	T2	20011002	JP 1998-550179	19980520
PRAI	US 1997-861748	B2	19970522		

US 1997-980096 A 19971126  
 WO 1998-IB786 W 19980520  
 RE.CNT 72 THERE ARE 72 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 39 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1999:219977 CAPLUS

DN 130:257184

TI Cleansing and conditioning article for skin or hair comprising  
 surfactants

and lipids

IN McAtee, David Michael; Nissing, Nicholas James; Hasenoehrl, Erik John;  
 Cabell, David William

PA The Procter & Gamble Company, USA

SO PCT Int. Appl., 84 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9913861	A1	19990325	WO 1998-IB1362	19980831
	W:		AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ, DE, DE, DK, EE, ES, FI, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE		
	CA 2302561	AA	19990325	CA 1998-2302561	19980831
	AU 9887455	A1	19990405	AU 1998-87455	19980831
	AU 735421	B2	20010705		
	EP 1011630	A1	20000628	EP 1998-938871	19980831
	EP 1011630	B1	20021016		
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,		
FI	BR 9811789	A	20000905	BR 1998-11789	19980831
	JP 2001516712	T2	20011002	JP 2000-511485	19980831
	AT 226064	E	20021115	AT 1998-938871	19980831
PRAI	US 1997-58608P	P	19970912		
	US 1998-72440P	P	19980126		
	US 1998-85495P	P	19980514		
	WO 1998-IB1362	W	19980831		

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 40 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1999:193976 CAPLUS

DN 130:227542

TI Cleansing and conditioning products for skin or hair with improved  
 deposition of conditioning ingredients

IN Hasenoehrl, Erik Jon; McAtee, David Michael

PA The Procter & Gamble Company, USA

SO PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 9912519 A1 19990318 WO 1998-IB1317 19980824  
 W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,  
 DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP,  
 KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO,  
 NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA,  
 UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,  
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,  
 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 CA 2302444 AA 19990318 CA 1998-2302444 19980824  
 AU 9886425 A1 19990329 AU 1998-86425 19980824  
 AU 748441 B2 20020606  
 EP 1011629 A1 20000628 EP 1998-937726 19980824  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,  
 FI BR 9811758 A 20000829 BR 1998-11758 19980824  
 JP 2001515849 T2 20010925 JP 2000-510418 19980824  
 ZA 9807944 A 19990305 ZA 1998-7944 19980901  
 PRAI US 1997-58093P P 19970905  
 WO 1998-IB1317 W 19980824

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 41 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 1999:136777 CAPLUS  
 DN 130:200931  
 TI Therapeutic permeation enhanced-wound healing compositions containing  
 antioxidant and lactate and fatty acids  
 IN Martin, Alain  
 PA Warner-Lambert Company, USA  
 SO U.S., 40 pp., Cont.-in-part of U.S. Ser. No. 224,936, abandoned.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 28

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5874479	A	19990223	US 1998-19457	19980205
	JP 2002356421	A2	20021213	JP 2002-82387	19920115
	ZA 9502911	A	19960828	ZA 1995-2911	19950407
	US 5981606	A	19991109	US 1998-19316	19980205
PRAI	US 1991-663500	B1	19910301		
	US 1993-53922	B2	19930426		
	US 1994-224936	B2	19940408		
	JP 1992-505329	A3	19920115		
	US 1997-37730P	P	19970202		

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 42 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 1999:39901 CAPLUS  
 DN 130:85934  
 TI Skin care cosmetics  
 IN Nishimori, Yasutomo; Matsumoto, Katsuo; Kenjo, Yukiko  
 PA Pola Chemical Industries, Inc., Japan  
 SO Jpn. Kokai Tokkyo Koho, 9 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese



FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 11005727	A2	19990112	JP 1997-176305	19970617
PRAI	JP 1997-176305		19970617		

L19 ANSWER 43 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1998:796445 CAPLUS

DN 130:152968

TI The effects of pH on the enzymic formation of .beta.-glucuronides of various retinoids by induced and noninduced microsomal UDP-glucuronosyltransferases of several rat tissues in vitro

AU Genchi, Giuseppe; Barua, Arun B.; Wang, Wei; Bidlack, Wayne R.; Olson, James A.

CS Dep. Pharm.-Biol., Univ. Calabria, Cosenza, Italy

SO Journal of Nutritional Biochemistry (1998), 9(12), 676-681

CODEN: JNBIEL; ISSN: 0955-2863

PB Elsevier Science Inc.

DT Journal

LA English

RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 44 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1998:674796 CAPLUS

DN 129:347131

TI Hair preparations containing lignan **glycosides** and cell stimulants

IN Kuriyama, Kenichi; Hisano, Noriyasu; Yoshino, Sumiko; Takisada, Mikimasa; Senoo, Masami; Kameyama, Kumi

PA Nisshin Oil Mills Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 10279441	A2	19981020	JP 1997-99669	19970401
PRAI	JP 1997-99669		19970401		
OS	MARPAT 129:347131				

L19 ANSWER 45 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1998:674795 CAPLUS

DN 129:347130

TI Hair preparations containing lignan **glycosides**, hormones, and vitamins

IN Kuriyama, Kenichi; Yoshino, Sumiko; Hotta, Haruko; Takisada, Mikimasa; Imoo, Masami; Kameyama, Kumi

PA Nisshin Oil Mills Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 10279440	A2	19981020	JP 1997-99830	19970401
PRAI	JP 1997-99830		19970401		
OS	MARPAT 129:347130				

L19 ANSWER 46 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 1998:293355 CAPLUS  
 DN 129:8415  
 TI Cleansing products  
 IN Fowler, Timothy John; Hasenoehrl, Erik John; Albacarys, Lourdes Dessus  
 PA Procter & Gamble Co., USA  
 SO PCT Int. Appl., 40 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9818447	A1	19980507	WO 1997-US19321	19971023
	W: AU, CA, CN, CZ, JP, KR, MX				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	AU 9851501	A1	19980522	AU 1998-51501	19971023
	EP 935456	A1	19990818	EP 1997-946302	19971023
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
FI	CN 1239882	A	19991229	CN 1997-180467	19971023
	JP 2001503059	T2	20010306	JP 1998-520635	19971023
	KR 2000052801	A	20000825	KR 1999-703620	19990424
	AU 749160	B2	20020620	AU 2001-57656	20010726
PRAI	US 1996-740280	A	19961025		
	WO 1997-US19321	W	19971023		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 47 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 1998:293354 CAPLUS  
 DN 129:8414  
 TI Cleansing products  
 IN Fowler, Timothy John  
 PA Procter & Gamble Co., USA  
 SO PCT Int. Appl., 41 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9818446	A1	19980507	WO 1997-US19320	19971023
	W: AU, CA, CN, CZ, JP, KR, MX				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	AU 9850878	A1	19980522	AU 1998-50878	19971023
	EP 935455	A1	19990818	EP 1997-913767	19971023
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
FI	CN 1238684	A	19991215	CN 1997-180187	19971023
	JP 2001503058	T2	20010306	JP 1998-520634	19971023
	KR 2000052804	A	20000825	KR 1999-703623	19990424
PRAI	US 1996-738668	A	19961025		
	WO 1997-US19320	W	19971023		

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 48 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1998:293353 CAPLUS

DN 129:8413

TI Cleansing products

IN Fowler, Timothy John

PA Procter & Gamble Co., USA

SO PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9818445	A1	19980507	WO 1997-US19264	19971027
	W: AU, CA, CN, CZ, JP, KR, MX				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	AU 9749976	A1	19980522	AU 1997-49976	19971027
	EP 938292	A1	19990901	EP 1997-912904	19971027
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
FI	CN 1238685	A	19991215	CN 1997-199960	19971027
	JP 2001503410	T2	20010313	JP 1998-520613	19971027
	KR 2000052716	A	20000825	KR 1999-703514	19990422
PRAI	US 1996-738145	A	19961025		
	WO 1997-US19264	W	19971027		

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 49 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1998:293352 CAPLUS

DN 129:19520

TI Cleansing products

IN Fowler, Timothy John; Hasenoehrl, Erik John; Albacarys, Lourdes Dessus

PA Procter & Gamble Co., USA

SO PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9818444	A1	19980507	WO 1997-US19256	19971027
	W: AU, CA, CN, CZ, JP, KR, MX				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	US 5972361	A	19991026	US 1996-738194	19961025
	AU 9748272	A1	19980522	AU 1997-48272	19971027
	AU 733201	B2	20010510		
	EP 946141	A1	19991006	EP 1997-911036	19971027
	EP 946141	B1	20021211		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
FI	CN 1238686	A	19991215	CN 1997-199962	19971027
	JP 2001503056	T2	20010306	JP 1998-520609	19971027
	EP 1161939	A1	20011212	EP 2001-120723	19971027
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
FI	JP 2002348213	A2	20021204	JP 2002-100264	19971027
	US 6074655	A	20000613	US 1999-246369	19990208

KR 2000052715 A 20000825 KR 1999-703513 19990422  
 PRAI US 1996-738194 A 19961025  
 EP 1997-911036 A3 19971027  
 JP 1998-520609 A3 19971027  
 WO 1997-US19256 W 19971027

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 50 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 1998:293350 CAPLUS  
 DN 129:8412  
 TI Cleansing products  
 IN Fowler, Timothy John; Hasenoehrl, Erik John; Albacarys, Lourdes Dessus  
 PA Procter & Gamble Co., USA  
 SO PCT Int. Appl., 42 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9818442	A1	19980507	WO 1997-US15752	19971008
	W: AU, CA, CN, CZ, JP, KR, MX				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	AU 9748005	A1	19980522	AU 1997-48005	19971008
	AU 733203	B2	20010510		
	EP 938291	A1	19990901	EP 1997-910704	19971008
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
FI	CN 1238683	A	19991215	CN 1997-180148	19971008
	JP 2001503051	T2	20010306	JP 1998-520452	19971008
	CZ 289910	B6	20020417	CZ 1999-1447	19971008
	KR 2000052782	A	20000825	KR 1999-703594	19990423
PRAI	US 1996-738669	A	19961025		
	WO 1997-US15752	W	19971008		

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 51 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 1998:293349 CAPLUS  
 DN 129:8411  
 TI Cleansing products  
 IN Fowler, Timothy John; Hasenoehrl, Erik John; Albacarys, Lourdes Dessus  
 PA Procter & Gamble Co., USA  
 SO PCT Int. Appl., 42 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9818441	A1	19980507	WO 1997-US15751	19971008
	W: AU, CA, CN, CZ, JP, KR, MX				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	US 6063397	A	20000516	US 1996-738131	19961025
	AU 9746449	A1	19980522	AU 1997-46449	19971008
	AU 733192	B2	20010510		
	EP 934056	A1	19990811	EP 1997-945196	19971008

EP 934056 B1 20020313  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,

FI

CN 1239883	A	19991229	CN 1997-180468	19971008
JP 2001503050	T2	20010306	JP 1998-520451	19971008
AT 214268	E	20020315	AT 1997-945196	19971008
ES 2174299	T3	20021101	ES 1997-945196	19971008
KR 2000052781	A	20000825	KR 1999-703593	19990423
PRAI US 1996-738131	A	19961025		
WO 1997-US15751	W	19971008		

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 52 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1998:140749 CAPLUS

DN 128:158950

TI Composition for applying active substances to or through the skin

IN Touitou, Elka

PA Yissum Research Development Co. of the Hebrew University of Jerusalem, Israel

SO U.S., 16 pp., Cont.-in-part of U.S. 5,540,934.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 5716638	A	19980210	US 1995-563144	19951127
	US 5540934	A	19960730	US 1994-264204	19940622
	IL 114229	A1	19990509	IL 1995-114229	19950620
	ZA 9505193	A	19970324	ZA 1995-5193	19950622
	AU 9944722	A1	19991028	AU 1999-44722	19990825
PRAI	US 1994-264204	A2	19940622		
	AU 1995-29776	A3	19950621		

L19 ANSWER 53 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1997:574520 CAPLUS

DN 127:225309

TI Bioadhesive-wound healing compositions and methods for preparing and using

same

IN Martin, Alain; Leung, Sau-hung S.

PA Warner-Lambert Co., USA

SO U.S., 131 pp., Cont.-in-part of U.S. Ser. No. 298,521, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 28

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 5658956	A	19970819	US 1995-445824	19950522
	JP 2002356421	A2	20021213	JP 2002-82387	19920115
	CA 2194876	AA	19960307	CA 1995-2194876	19950707
	WO 9606640	A1	19960307	WO 1995-US8568	19950707
	W: AU, CA, JP, MX, NZ, SG				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9530045	A1	19960322	AU 1995-30045	19950707
	AU 707353	B2	19990708		
	EP 779820	A1	19970625	EP 1995-926209	19950707
	R: BE, CH, DE, DK, ES, FR, GB, GR, IT, LI				

	JP 10505057	T2	19980519	JP 1995-508729	19950707
	ZA 9507245	A	19970630	ZA 1995-7245	19950829
	US 5981606	A	19991109	US 1998-19316	19980205
PRAI	US 1991-663500	B1	19910301		
	US 1993-53922	B2	19930426		
	US 1994-298521	B2	19940830		
	JP 1992-505329	A3	19920115		
	US 1994-224936	B1	19940408		
	US 1995-445824	A	19950522		
	WO 1995-US8568	W	19950707		
	US 1997-37730P	P	19970202		

L19 ANSWER 54 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1996:609996 CAPLUS

DN 125:230208

TI Cosmetic or pharmaceutical compositions containing a bertholletia extract for treatment of skin diseases

IN Bonte, Frederic; Dumas, Marc; Lavaud, Catherine; Massiot, Georges

PA Lvmh Recherche, Fr.

SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9625143	A1	19960822	WO 1996-FR256	19960216
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	FR 2730635	A1	19960823	FR 1995-1840	19950217
	FR 2730635	B1	19970509		
	AU 9648354	A1	19960904	AU 1996-48354	19960216
	EP 809484	A2	19971203	EP 1996-904153	19960216
	EP 809484	B1	20001129		
	R: CH, DE, FR, GB, IT, LI				
	JP 11500432	T2	19990112	JP 1996-524724	19960216
	US 6004568	A	19991221	US 1997-917622	19970811
PRAI	FR 1995-1840	A	19950217		
	WO 1996-FR256	W	19960216		
	FR 1996-10356	A	19960822		

L19 ANSWER 55 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1996:509801 CAPLUS

DN 125:150797

TI Cosmetic or pharmaceutical compositions containing Smelophyllum capense extract for controlling skin ageing

IN Bonte, Frederic; Dumas, Marc; Lavaud, Catherine; Massiot, Georges

PA Lvmh Recherche, Fr.

SO PCT Int. Appl., 16 pp.

CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9620000	A1	19960704	WO 1995-FR1724	19951222
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	FR 2728465	A1	19960628	FR 1994-15576	19941223
	FR 2728465	B1	19970314		

EP 799049 A1 19971008 EP 1995-943268 19951222  
 R: BE, CH, DE, ES, FR, GB, IT, LI  
 JP 10511380 T2 19981104 JP 1995-520260 19951222  
 US 5807555 A 19980915 US 1997-849453 19970618  
 PRAI FR 1994-15576 19941223  
 WO 1995-FR1724 19951222

L19 ANSWER 56 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1996:473051 CAPLUS

DN 125:143207

TI Preparation of C-glycoside analogs of N-(4-hydroxyphenyl)retinamide-o-glucuronide for treatment or prevention of breast cancer.

IN Curley, Robert W., Jr.; Robarge, Michael J.

PA Ohio State Research Foundation, USA

SO PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9613258	A1	19960509	WO 1995-US12258	19950926
	W: JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5516792	A	19960514	US 1994-316140	19940930
	US 5574177	A	19961112	US 1994-321207	19941007
	US 5663377	A	19970902	US 1995-470232	19950606
	EP 732921	A1	19960925	EP 1995-935115	19950926
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
SE	JP 09509680	T2	19970930	JP 1995-511156	19950926
PRAI	US 1994-316140		19940930		
	US 1994-321207		19941007		
	US 1992-974730		19921113		
	WO 1995-US12258		19950926		
OS	MARPAT 125:143207				

L19 ANSWER 57 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1996:392038 CAPLUS

DN 125:115074

TI Preparation of C-glycoside analogs of N-(4-hydroxyphenyl)retinamide-O-glucuronide as antitumors

IN Curley, Robert W., Jr.; Robarge, Michael J.

PA Ohio State Research Foundation, USA

SO U.S., 13 pp., Cont.-in-part of U.S. Ser. No. 974, 730, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5516792	A	19960514	US 1994-316140	19940930
	US 5599953	A	19970204	US 1995-452325	19950526
	US 5663377	A	19970902	US 1995-470232	19950606
	WO 9613258	A1	19960509	WO 1995-US12258	19950926
	W: JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 732921	A1	19960925	EP 1995-935115	19950926
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				

SE

JP 09509680 T2 19970930 JP 1995-511156 19950926  
 PRAI US 1992-974730 19921113  
 US 1994-316140 19940930  
 US 1994-321207 19941007  
 WO 1995-US12258 19950926  
 OS MARPAT 125:115074

L19 ANSWER 58 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 1996:367739 CAPLUS  
 DN 125:19043  
 TI Bioadhesive-wound healing composition  
 IN Leung, Sau-Hung S.; Martin, Alain  
 PA Warner-Lambert Company, USA  
 SO PCT Int. Appl., 159 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 28

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9606640	A1	19960307	WO 1995-US8568	19950707
	W: AU, CA, JP, MX, NZ, SG				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5658956	A	19970819	US 1995-445824	19950522
	AU 9530045	A1	19960322	AU 1995-30045	19950707
	AU 707353	B2	19990708		
	EP 779820	A1	19970625	EP 1995-926209	19950707
	R: BE, CH, DE, DK, ES, FR, GB, GR, IT, LI				
	JP 10505057	T2	19980519	JP 1995-508729	19950707
	ZA 9507245	A	19970630	ZA 1995-7245	19950829
PRAI	US 1994-298521	A	19940830		
	US 1995-445824	A	19950522		
	US 1991-663500	B1	19910301		
	US 1993-53922	B2	19930426		
	WO 1995-US8568	W	19950707		

L19 ANSWER 59 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 1995:954795 CAPLUS  
 DN 123:350231  
 TI Use of ginsenoside Ro or a plant extract containing same for promotion of collagen synthesis for pharmaceuticals and cosmetics  
 IN Meybeck, Alain; Bonte, Frederic; Dumas, Marc; Chaudagne, Catherine  
 PA LVMH Recherche, Fr.  
 SO PCT Int. Appl., 26 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA French  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9525524	A1	19950928	WO 1995-FR326	19950317
	W: CA, CN, JP, KR, MX, RU, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	FR 2717389	A1	19950922	FR 1994-3194	19940318
	FR 2717389	B1	19960607		
	EP 751777	A1	19970108	EP 1995-914381	19950317
	R: BE, CH, DE, ES, FR, GB, IT, LI				
	CN 1146153	A	19970326	CN 1995-192639	19950317
	JP 10500395	T2	19980113	JP 1995-524426	19950317
	US 5747538	A	19980505	US 1996-716363	19960918



PRAI FR 1994-3194 19940318  
WO 1995-FR326 19950317

L19 ANSWER 60 OF 68 CAPLUS COPYRIGHT 2003 ACS  
AN 1995:826475 CAPLUS  
DN 123:228772  
TI Preparation of prodrugs for enzyme-mediated activation  
IN Bosslet, Klaus; Czec, Joerg; Hoffmann, Dieter; Tillequin, Francois;  
Florent, Jean-Claude; Azoulay, Michel; Monneret, Claude; Jacquesy,  
Jean-Claude; Gesson, Jean-Pierre; Et, Al.  
PA Behringwerke Aktiengesellschaft, Germany; Laboratories Hoechst S.A.  
SO Eur. Pat. Appl., 14 pp.  
CODEN: EPXXDW

DT Patent  
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 642799	A1	19950315	EP 1994-113388	19940826
	EP 642799	B1	20011107		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	EP 647450	A1	19950412	EP 1993-114475	19930909
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	AT 208213	E	20011115	AT 1994-113388	19940826
	ES 2167343	T3	20020516	ES 1994-113388	19940826
	AU 9471699	A1	19950323	AU 1994-71699	19940907
	AU 678494	B2	19970529		
	CA 2131662	AA	19950310	CA 1994-2131662	19940908
	NO 9403319	A	19950310	NO 1994-3319	19940908
	ZA 9406920	A	19950412	ZA 1994-6920	19940908
	JP 07149667	A2	19950613	JP 1994-214597	19940908
	US 5621002	A	19970415	US 1994-302459	19940909
PRAI	EP 1993-114475	A	19930909		
	DE 1992-4236237		19921027		
OS	MARPAT 123:228772				

L19 ANSWER 61 OF 68 CAPLUS COPYRIGHT 2003 ACS  
AN 1995:769441 CAPLUS  
DN 123:217946  
TI Activation of retinoic acid (RA)-differentiated HL-60 cells by saponins  
AU Uemura, Terumi; Sagesaka, Yuko M.; Oku, Naoto; Okada, Shoji  
CS Cent. Res. Inst., Ito-en, Co., Ltd., Shizuoka, 421-05, Japan  
SO Yakugaku Zasshi (1995), 115(7), 528-36  
CODEN: YKKZAJ; ISSN: 0031-6903  
PB Pharmaceutical Society of Japan  
DT Journal  
LA Japanese

L19 ANSWER 62 OF 68 CAPLUS COPYRIGHT 2003 ACS  
AN 1995:459437 CAPLUS  
DN 122:214440  
TI Preparation of C-glycoside analogs of N-(4-hydroxyphenyl)retinamide-O-glucuronides anticancer agents  
IN Curley, Robert W., Jr.; Panigot, Michael J.  
PA Ohio State University Research Foundation, USA  
SO PCT Int. Appl., 26 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9411030	A1	19940526	WO 1993-US10998	19931112
	W: JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 671953	A1	19950920	EP 1994-901471	19931112
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
SE	US 5663377	A	19970902	US 1995-470232	19950606
PRAI	US 1992-974730		19921113		
	WO 1993-US10998		19931112		
	US 1994-321207		19941007		
OS	MARPAT 122:214440				

L19 ANSWER 63 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1995:315547 CAPLUS

DN 122:188019

TI Preparation of substrate-spacer-active substance prodrugs

IN Bosslet, Klaus; Czech, Joerg; Hoffmann, Dieter; Kolar, Cenek; Tillequin, Francois; Florent, Jean Claude; Azoulay, Michel; Monneret, Claude; Jacquesy, Jean Claude; et al.

PA Behringwerke AG, Germany

SO Ger. Offen., 17 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4236237	A1	19940428	DE 1992-4236237	19921027
	EP 647450	A1	19950412	EP 1993-114475	19930909
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	EP 595133	A2	19940504	EP 1993-116702	19931015
	EP 595133	A3	19981104		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	IL 107398	A1	20010128	IL 1993-107398	19931025
	CA 2109259	AA	19940428	CA 1993-2109259	19931026
	NO 9303854	A	19940428	NO 1993-3854	19931026
	AU 9350225	A1	19940512	AU 1993-50225	19931026
	AU 669218	B2	19960530		
	JP 06293665	A2	19941021	JP 1993-266976	19931026
	ZA 9307951	A	19950705	ZA 1993-7951	19931026
	US 5955100	A	19990921	US 1995-449021	19950524
	US 6146658	A	20001114	US 1997-859084	19970520
PRAI	DE 1992-4236237		19921027		
	US 1993-140825	A3	19931025		
	US 1995-449021	A1	19950524		

L19 ANSWER 64 OF 68 CAPLUS COPYRIGHT 2003 ACS

AN 1994:656186 CAPLUS

DN 121:256186

TI Preparation of 4-retinamidophenyl- and 4-retinamidobenzyl-C-glycosyl and C-glucuronosyl analogs of the glucuronide of 4-hydroxyphenylretinamide as potential stable cancer chemopreventive agents

AU Panigot, M. J.; Humphries, K. A.; Curley, R. W., Jr.

CS Coll. Pharm., Ohio State Univ., Columbus, OH, 43210, USA

SO Journal of Carbohydrate Chemistry (1994), 13(2), 303-21

CODEN: JCACDM; ISSN: 0732-8303

DT Journal

LA English

L19 ANSWER 65 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 1993:4428 CAPLUS  
 DN 118:4428  
 TI Intestinal uptake and lymphatic absorption of .beta.-carotene in ferrets:  
 a model for human .beta.-carotene metabolism  
 AU Wang, Xiang Dong; Krinsky, Norman I.; Marini, Robert P.; Tang, Guangwen;  
 Yu, Jing; Hurley, Richard; Fox, James G.; Russell, Robert M.  
 CS Sch. Nutr., Tufts Univ., Boston, MA, 02111, USA  
 SO American Journal of Physiology (1992), 263(4, Pt. 1), G480-G486  
 CODEN: AJPHAP; ISSN: 0002-9513  
 DT Journal  
 LA English

L19 ANSWER 66 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 1992:207337 CAPLUS  
 DN 116:207337  
 TI Cytotoxic effect of plant polyphenols and fat-soluble vitamins on  
 malignant human cultured cells  
 AU Ramanathan, R.; Tan, C. H.; Das, N. P.  
 CS Fac. Med., Natl. Univ. Singapore, Singapore, 0511, Singapore  
 SO Cancer Letters (Shannon, Ireland) (1992), 62(3), 217-24  
 CODEN: CALEDQ; ISSN: 0304-3835  
 DT Journal  
 LA English

L19 ANSWER 67 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 1989:483858 CAPLUS  
 DN 111:83858  
 TI Composition based on hydroxypyridone derivatives for reducing hair loss  
 IN Saint Leger, Didier  
 PA Oreal S. A., Fr.  
 SO Brit. UK Pat. Appl., 27 pp.  
 CODEN: BAXXDU  
 DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2207051	A1	19890125	GB 1988-16917	19880715
	GB 2207051	B2	19910911		
	FR 2618068	A1	19890120	FR 1988-9407	19880711
	FR 2618068	B1	19920313		
	CH 675067	A	19900831	CH 1988-2701	19880714
	BE 1001203	A3	19890816	BE 1988-827	19880715
PRAI	LU 1987-86944		19870717		
OS	MARPAT 111:83858				

L19 ANSWER 68 OF 68 CAPLUS COPYRIGHT 2003 ACS  
 AN 1989:36265 CAPLUS  
 DN 110:36265  
 TI A rapid and sensitive bioassay involving cultured rat glioma cells to  
 screen for substances capable of elevating intracellular cyclic AMP  
 concentration  
 AU Swanson, Steven M.; Jiang, Jia Xiong; Chang, Yuan Shiun; De Souza, Noel  
 J.; Pezzuto, John M.  
 CS Coll. Pharm., Univ. Illinois, Chicago, IL, 60612, USA  
 SO Journal of Natural Products (1988), 51(5), 929-36  
 CODEN: JNPRDF; ISSN: 0163-3864  
 DT Journal

LA English

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

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FULL ESTIMATED COST

65.50

495.32

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